



SECOR  
INTERNATIONAL  
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San Luis Obispo, CA 93401  
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805-546-0583 FAX

July 13, 2005

Mr. Clell Whelchel  
C/o Hunt and Associates  
819 12<sup>th</sup> Street  
Paso Robles, California 93446

**SUBJECT: RESULTS OF SECOND QUARTER 2005 GROUNDWATER MONITORING**  
**Regional Board Case No. 3592**  
2885 South Higuera Street  
San Luis Obispo, California  
SECOR Project No. 100T.06048

Dear Mr. Whelchel:

SECOR International Incorporated (SECOR) has prepared this letter report presenting the results of second quarter 2005 groundwater monitoring conducted at the subject site. Figure 1 is a site vicinity map and Figure 2 is a site plan. Groundwater monitoring was conducted during the second quarter 2005 as directed by the California Regional Water Quality Control Board (CRWQCB) in a letter dated December 21, 2004.

The purpose of the work was to evaluate current hydrologic conditions and groundwater quality beneath the site associated with two abandoned underground storage tanks (USTs). As part of this monitoring event, groundwater samples were collected from seven groundwater monitoring wells located on-site and analyzed for petroleum hydrocarbons.

## **SITE LOCATION AND DESCRIPTION**

The subject property is located on the east side of South Higuera Street, in the southern area of the City of San Luis Obispo. The nearest cross street is Fontana Avenue located directly south of the property. The property is roughly rectangular in shape with property boundaries formed by South Higuera Street to the west, undeveloped, open space properties to the north and east, and developed residential properties to the south.

The western half of the subject property is currently developed with a warehouse structure and attached office building occupied by Mustang Moving and Transfer Company and The Box Store. The exterior areas to the south of the structures consist of a concrete-paved driveway, parking, and truck maneuvering areas. The eastern half of the property is unpaved and is currently used for additional moving truck parking.

## **GROUNDWATER SAMPLING ACTIVITIES AND RESULTS**

### Groundwater Elevation and Flow Direction

Depth to groundwater measurements were obtained from groundwater monitoring wells MW-1 through MW-7 on June 22, 2005. Currently, the average depth to groundwater is approximately

14 feet below ground surface (bgs), with the exception of well MW-7, which had a measured depth to water of 2.3 feet bgs. Based on the groundwater elevation data, the groundwater flow direction beneath the site was calculated to be westerly at an average gradient of 0.006 feet per foot. The current flow direction places wells MW-1 and MW-5 hydraulically down-gradient and MW-2, MW-4 and MW-6 cross-gradient of the abandoned USTs. Monitoring well MW-7 is located up-gradient of the abandoned USTs and monitoring well MW-3 is located in the immediate vicinity and up-gradient of the abandoned USTs. Table 2 presents current and historical groundwater elevation data. Figure 2 is a site plan depicting the groundwater flow direction.

### Groundwater Purging and Sampling

Groundwater monitoring wells MW-1 through MW-7 were purged and sampled on June 22, 2005. A minimum of three casing volumes of water were purged prior to sampling using a Grundfos® model Redi-Flo2® submersible pump. Physical parameters including pH, temperature, and conductivity were monitored during purging and recorded on a standard SECOR form. Once these physical parameters stabilized, this was an indication that water in the monitoring well was representative of surrounding formation water.

After purging, the wells were allowed to recharge sufficiently to allow the collection of groundwater samples representative of the surrounding formation. Groundwater samples were collected using disposable bailers dedicated for each well and transferred to sterile, analysis-specific, laboratory-supplied containers. The containers were sealed, labeled, and placed on ice for transport to a California certified analytical laboratory. Purging equipment was cleaned with a non-phosphate cleaner, rinsed with tap water, and a final de-ionized water rinse prior to use. Rinse and purge water was containerized in Department of Transportation (DOT) approved 55-gallon drums and stored on-site pending disposal.

### Groundwater Analytical Methods

The groundwater samples from monitoring wells MW-1 through MW-7 were analyzed for total petroleum hydrocarbons in the gasoline and diesel ranges (TPHg and TPHd) by Environmental Protection Agency Test Methods (EPATM) 8260 and 8015M, respectively. The groundwater samples were also analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPATM 8260. Oilfield Environmental and Compliance (OEC) of Santa Maria, California conducted the analyses and is certified by the State Department of Health Services for the analyses requested.

### Groundwater Analytical Results

TPHg was detected in the samples from monitoring wells MW-1 and MW-5 at concentrations of 190 and 2,600 micrograms per liter (µg/l), respectively. TPHd was detected in the samples from monitoring wells MW-1, MW-2, MW-3 and MW-5 at concentrations of 920, 230, 230, and 3,600 µg/l, respectively. Benzene was detected in the samples from monitoring wells MW-1 and MW-2 at concentrations of 13 and 2.6 µg/l, respectively. Toluene, ethylbenzene and/or total xylenes were detected at trace concentrations in the samples from monitoring wells MW-1, MW-2 and MW-5.

Analytical results for TPHg, TPHd and benzene are presented graphically on Figure 2. Current and historical analytical results are presented in tabular form in Table 3. Copies of the analytical results, laboratory detection limits, quality assurance data, and chain-of-custody sheets are attached.

## **SUMMARY AND CONCLUSIONS**

Second quarter 2005 groundwater monitoring was conducted on June 22, 2005 at the subject site as directed by the CRWQCB. Currently, the average depth to groundwater is 14 feet below ground surface, not including well MW-7. The current flow direction is westerly with an estimated gradient of 0.006 feet per foot.

TPHg and TPHd analytical results from monitoring wells MW-1, MW-2, MW-3, MW-4, MW-6 and MW-7 were either not detected or detected at concentrations below the current CRWQCB, Central Coast Region – Water Quality Objective (WQO) of 1,000 µg/l. The TPHg and TPHd concentrations exhibited in well MW-5 exceeded the WQO of 1,000 µg/l.

Benzene was detected at concentrations exceeding the WQO of 1.0 µg/l for benzene in wells MW-1 and MW-2. Other BTEX constituents were either not detected or detected at concentrations below associated WQOs in wells MW-1 through MW-7.

## **RECOMMENDATIONS**

Groundwater monitoring should be conducted for at least two more quarters to evaluate whether further assessment and remedial action are deemed necessary. The next quarterly sampling event will be conducted during the third quarter 2005 (July – September) and the report submitted to the CRWQCB on or before the 20<sup>th</sup> of the following month of sampling. Due to the lack of petroleum hydrocarbon concentrations observed in wells MW-4, MW-6 and MW-7 during the last two sampling events, these wells will not be sampled next quarter. In addition, these wells are located either up-gradient or cross-gradient of the abandoned USTs. However, for groundwater flow direction determination and gradient calculations, depth to water will be measured in all seven groundwater monitoring wells during the next sampling event.

## **LIMITATIONS**

This report has been prepared for the exclusive use of Mr. Clell Whelchel, Hunt and Associates, and other authorized parties, as it pertains to the groundwater monitoring project at 2885 South Higuera Street, San Luis Obispo, California. The findings and conclusions rendered in this report are opinions based on laboratory testing of groundwater samples collected during this project. This report does not reflect subsurface variations, which may exist between sampling points. These variations cannot be anticipated nor can they be entirely accounted for even with exhaustive additional testing.

All work has been performed with the degree of skill generally exercised by practicing engineers and geologists in the environmental field. SECOR makes no other warranty, either expressed or implied, concerning the conclusions and professional advice, which is contained within the body of this report.

## CLOSURE

Thank you for this opportunity to have been of service. If you have any questions, please call the undersigned at (805) 546-0455.

Sincerely,

**SECOR International Incorporated**



Chris Prevost, P.E.  
Associate Engineer



Attachments: Table 1 – Monitoring Well Construction Details  
Table 2 – Groundwater Elevation Data  
Table 3 – Current and Historical Groundwater Analytical results for Petroleum Hydrocarbons

Figure 1 – Vicinity Map

Figure 2 – Groundwater Contour and Hydrocarbon Concentration Map

Laboratory Reports and Chain of Custody Documentation

Cc: Corey Walsh, California Regional Water Quality Control Board – Central Coast Region  
895 Aerovista Place, Suite 101, San Luis Obispo, California 93401

Archie Nogle, 4177 Oakwood Road, Lompoc, California 93436

P:\Clients\Wheelchel (Mustang Moving)\2005 GWM\2Q05 Rpt.doc

## TABLES

**TABLE 1**  
**MONITORING WELL CONSTRUCTION DETAILS**  
**2885 SOUTH HIGUERA STREET, SAN LUIS OBISPO**  
**(all measurements in feet)**

WELL NO.	DATE CONSTRUCTED	CASING DIAMETER	CASING MATERIAL	WELLHEAD ELEVATION (msl)	TOTAL DEPTH (bgs)	SCREENED INTERVAL (bgs)
MW-1	05/24/04	2 inch	Sch. 40 PVC	166.37	20	5 to 20
MW-2	05/24/04	2 inch	Sch. 40 PVC	166.25	20	5 to 20
MW-3	05/24/04	2 inch	Sch. 40 PVC	166.44	20	5 to 20
MW-4	02/04/05	2 inch	Sch. 40 PVC	164.54	20	5 to 20
MW-5	02/04/05	2 inch	Sch. 40 PVC	165.18	20	5 to 20
MW-6	02/04/05	2 inch	Sch. 40 PVC	166.33	20	5 to 20
MW-7	02/04/05	2 inch	Sch. 40 PVC	167.65	20	5 to 20
Notes:    msl:                    above mean sea level bgs:                    below ground surface						

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**2885 SOUTH HIGUERA STREET, SAN LUIS OBISPO**  
**(all depths measured in feet)**

WELL NO.	WELLHEAD ELEVATION	DATE	DEPTH TO GROUNDWATER	GROUNDWATER ELEVATION
MW-1	166.37	02/17/05	10.71	155.66
		06/22/05	14.55	151.82
MW-2	166.25	02/17/05	10.33	155.92
		06/22/05	14.37	151.88
MW-3	166.44	02/17/05	9.94	156.50
		06/22/05	14.37	152.07
MW-4	164.54	02/17/05	8.83	155.71
		06/22/05	12.66	151.88
MW-5	165.18	02/17/05	9.53	155.65
		06/22/05	13.32	151.86
MW-6	166.33	02/17/05	10.24	156.09
		06/22/05	14.34	151.99
MW-7	167.65	02/17/05	0.78	166.87
		06/22/05	2.31	165.34

**TABLE 3**  
**CURRENT AND HISTORICAL GROUNDWATER ANALYTICAL RESULTS FOR**  
**PETROLEUM HYDROCARBONS**  
**2885 SOUTH HIGUERA STREET, SAN LUIS OBISPO**  
**(all results in micrograms per liter, ug/l)**

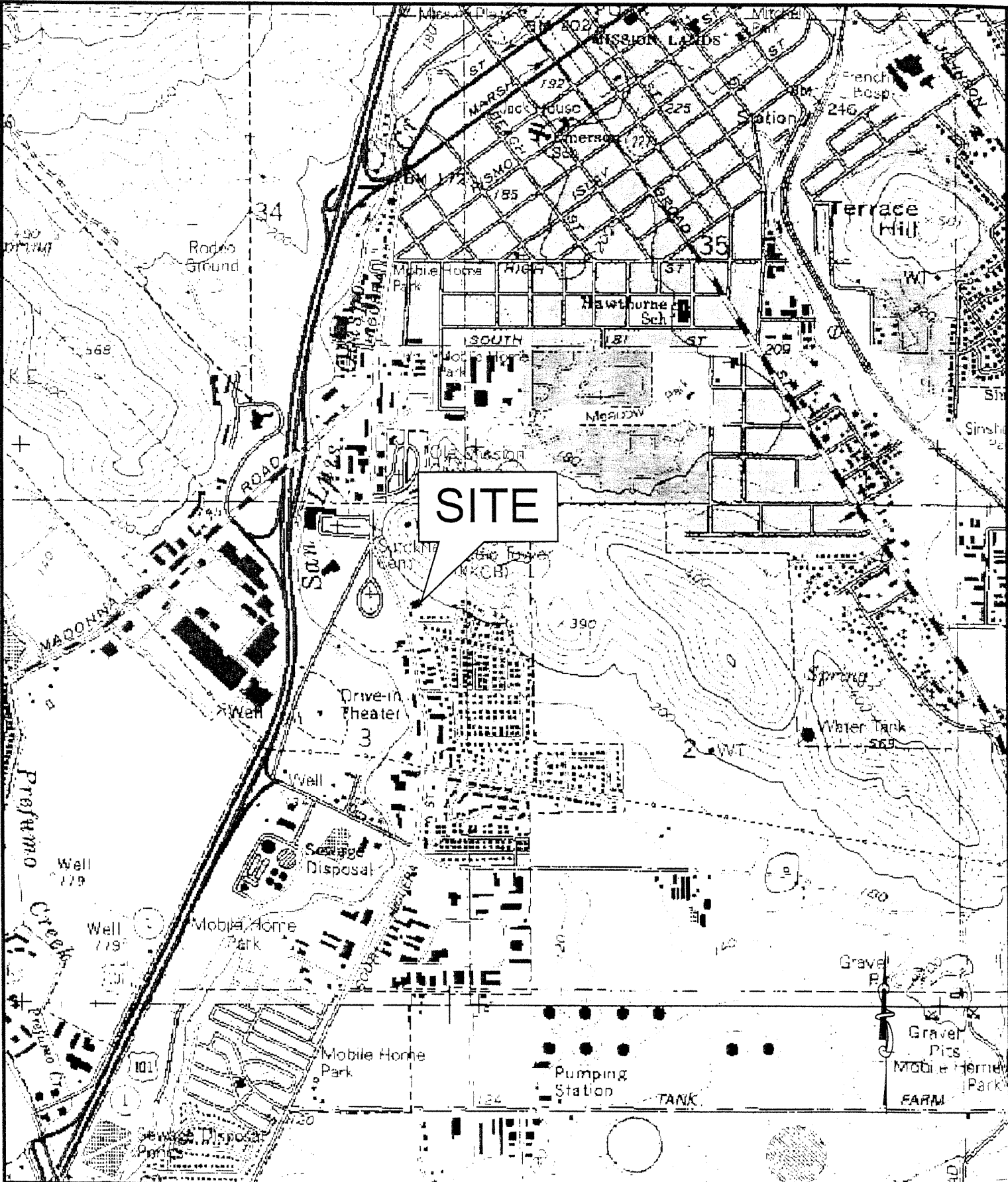
WELL NO.	DATE SAMPLED	TPHg	TPHd	B	T	E	X	MTBE
MW-1	05/26/04	2,860	3,800	27	1.6	55	24	<0.5
	02/17/05	390	590	20	<0.5	20	1	NA
	06/22/05	190	920	13	0.5	16	1.5	NA
MW-2	05/26/04	4,150	1,350	27	1.6	100	83	<0.5
	02/17/05	570	490	18	<0.5	24	3	NA
	06/22/05	<50	230	2.6	<0.5	1.3	<0.5	NA
MW-3	05/26/04	1,640	1,010	5.4	0.6	4.4	2.8	<0.5
	02/17/05	86	<50	2.5	<0.5	0.5	<0.5	NA
	06/22/05	<50	230	<0.5	<0.5	<0.5	<0.5	NA
MW-4	02/17/05	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/22/05	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-5	02/17/05	4,100	680	1.1	0.7	0.7	1.5	NA
	06/22/05	2,600	3,600	<0.5	<0.5	<0.5	0.6	NA
MW-6	02/17/05	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/22/05	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-7	02/17/05	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/22/05	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
WQOs*		1,000	1,000	1	150	300	1,750	5

Notes:

NA: Not Analyzed  
TPHg: Total Petroleum Hydrocarbons, quantitated against gasoline fuel  
TPHd: Total Petroleum Hydrocarbons, quantitated against diesel fuel  
MTBE: Methyl-tertiary-butyl-ether  
B: Benzene  
T: Toluene  
E: Ethylbenzene  
X: Total Xylenes  
<0.5: Below Practical Quantitation Limit  
\*: Site specific Water Quality Objectives



## FIGURES



**SECOR**

3437 EMPRESA DR. SUITE A  
SAN LUIS OBISPO, CALIFORNIA  
PHONE: (805) 546-0455/546-0583 (FAX)

FOR:

2885 S. HIGUERA STREET  
SAN LUIS OBISPO, CALIFORNIA

JOB NUMBER:

100T.06048.00

DRAWN BY:

TEA

CHECKED BY:

CP

APPROVED BY:

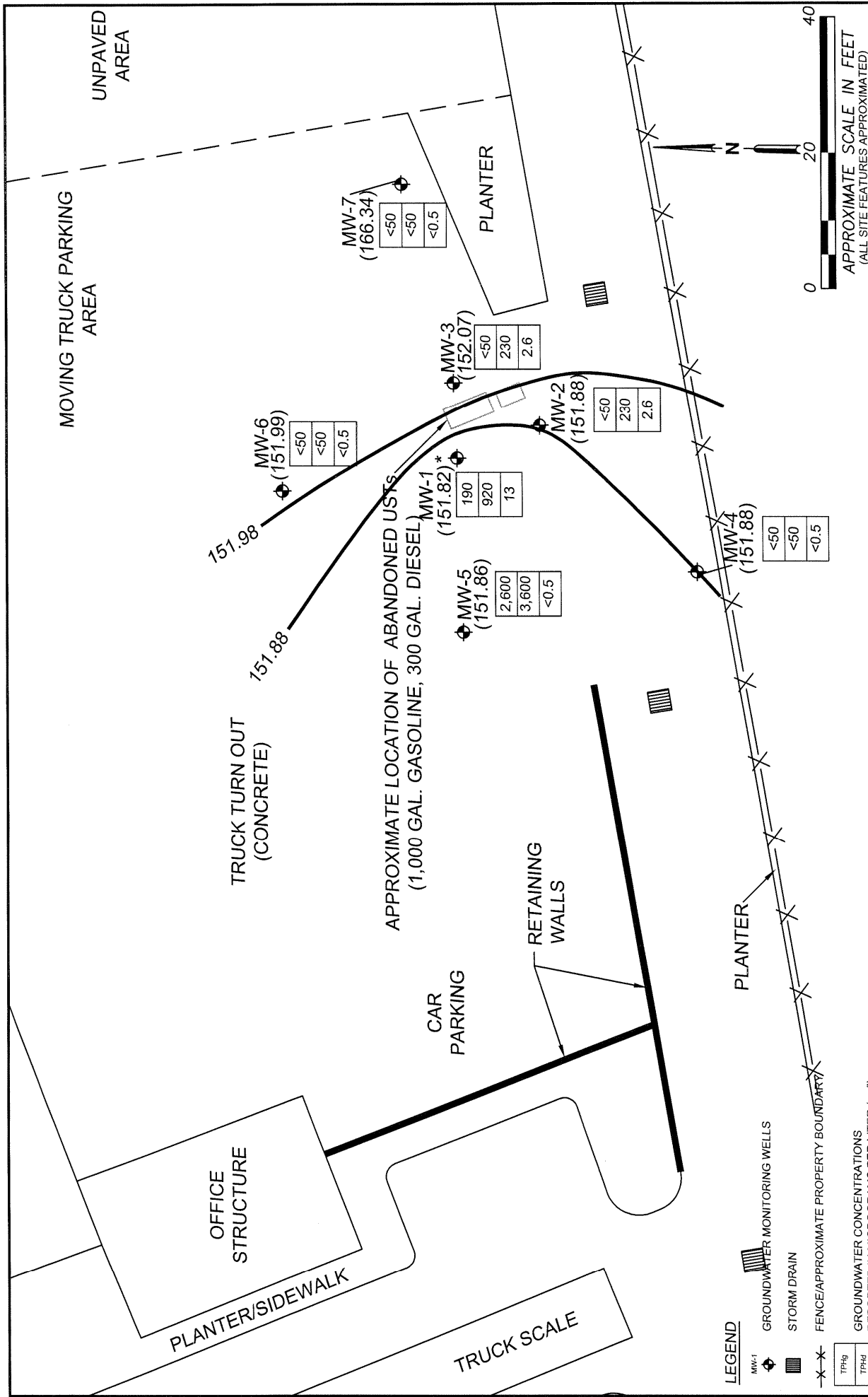
CP

FIGURE:

1

DATE:

12/06/04



**SECOR**  
3437 EMPRESA DR. SUITE A  
SAN LUIS OBISPO, CALIFORNIA  
PHONE: (805) 546-0455/546-0583 (FAX)

FOR:

2885 S. HIGUERA STREET  
SAN LUIS OBISPO, CALIFORNIA

FIGURE:

**2**

JOB NUMBER:  
100T.06048.00

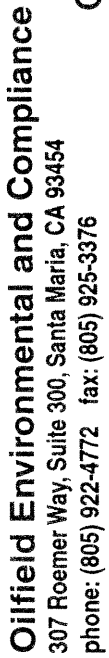
DRAWN BY:  
TEA

CHECKED BY:  
CP

APPROVED BY:  
CP

DATE:  
7/05/05

**LABORATORY REPORTS  
AND  
CHAIN-OF-CUSTODY DOCUMENTATION**

[illegible]

Relinquished By: <i>Randy [Signature]</i>	Date: 6/22/05	Time: 1500	Received By: SECOR FRIDGE	Date: 6/22/05	Time: 1500
Relinquished By: <i>R.A. [Signature]</i>	Date: 6/23/05	Time: 10:15	Received By: <i>[Signature]</i>	Date: 6/23/05	Time: 10:15
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Sample integrity upon receipt: <i>good</i>			Method of shipment <i>oec</i>		
Samples received cold <i>y/n</i>			Samples received intact <i>y/n</i>		
Custody seals <i>y/n</i>					
Comments					



O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-1
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/25/05
Project: Mustang Moving Co.	Date Analyzed: 6/26/05
Client ID: MW-1	
Matrix: Aqueous	Lab Contact: J. Carstens

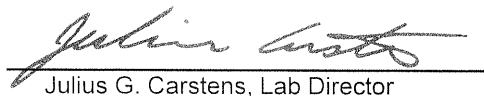
Report Of Analytical Results VOLATILE ORGANIC COMPOUNDS				
Constituents	Analysis Results	Reporting Units	Acceptance Criteria	PQL
Benzene	13	µg/L		0.5
Ethylbenzene	16	µg/L		0.5
Toluene	0.5	µg/L		0.5
Total Xylenes	1.5	µg/L		0.5
TPH Gasoline (C <sub>4</sub> -C <sub>9</sub> )	190	µg/L		50
Percent Surrogate Recovery (Dibromofluoromethane)				109
Percent Surrogate Recovery (Toluene-d8)				95
Percent Surrogate Recovery (4-Bromofluorobenzene)				78

Test Method: EPA 8260B/LUFT GC/MS

TPH Gasoline (C<sub>4</sub>-C<sub>9</sub>) calibrated and quantitated against gasoline

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL.

  
Julius G. Carstens, Lab Director



O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-2
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/25/05
Project: Mustang Moving Co.	Date Analyzed: 6/26/05
Client ID: MW-2	
Matrix: Aqueous	Lab Contact: J. Carstens


Report Of Analytical Results VOLATILE ORGANIC COMPOUNDS				
Constituents	Analysis Results	Reporting Units	Acceptance Criteria	PQL
Benzene	2.6	µg/L		0.5
Ethylbenzene	1.3	µg/L		0.5
Toluene	ND	µg/L		0.5
Total Xylenes	ND	µg/L		0.5
TPH Gasoline (C <sub>4</sub> -C <sub>9</sub> )	ND	µg/L		50
Percent Surrogate Recovery (Dibromofluoromethane)				107
Percent Surrogate Recovery (Toluene-d8)				94
Percent Surrogate Recovery (4-Bromofluorobenzene)				75

Test Method: EPA 8260B/LUFT GC/MS

TPH Gasoline (C<sub>4</sub>-C<sub>9</sub>) calibrated and quantitated against gasoline

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL.

  
Julius G. Carstens, Lab Director



O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-3
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/25/05
Project: Mustang Moving Co.	Date Analyzed: 6/26/05
Client ID: MW-3	
Matrix: Aqueous	Lab Contact: J. Carstens


Report Of Analytical Results VOLATILE ORGANIC COMPOUNDS				
Constituents	Analysis Results	Reporting Units	Acceptance Criteria	PQL
Benzene	ND	µg/L		0.5
Ethylbenzene	ND	µg/L		0.5
Toluene	ND	µg/L		0.5
Total Xylenes	ND	µg/L		0.5
TPH Gasoline (C <sub>4</sub> -C <sub>9</sub> )	ND	µg/L		50
Percent Surrogate Recovery (Dibromofluoromethane)				104
Percent Surrogate Recovery (Toluene-d8)				94
Percent Surrogate Recovery (4-Bromofluorobenzene)				77

Test Method: EPA 8260B/LUFT GC/MS

TPH Gasoline (C<sub>4</sub>-C<sub>9</sub>) calibrated and quantitated against gasoline

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL.

  
Julius G. Carstens, Lab Director





O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-4
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/25/05
Project: Mustang Moving Co.	Date Analyzed: 6/26/05
Client ID: MW-4	
Matrix: Aqueous	Lab Contact: J. Carstens

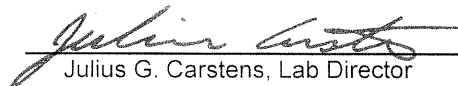
Report Of Analytical Results VOLATILE ORGANIC COMPOUNDS				
Constituents	Analysis Results	Reporting Units	Acceptance Criteria	PQL
Benzene	ND	µg/L		0.5
Ethylbenzene	ND	µg/L		0.5
Toluene	ND	µg/L		0.5
Total Xylenes	ND	µg/L		0.5
TPH Gasoline (C <sub>4</sub> -C <sub>9</sub> )	ND	µg/L		50
Percent Surrogate Recovery (Dibromofluoromethane)				105
Percent Surrogate Recovery (Toluene-d8)				92
Percent Surrogate Recovery (4-Bromofluorobenzene)				78

Test Method: EPA 8260B/LUFT GC/MS

TPH Gasoline (C<sub>4</sub>-C<sub>9</sub>) calibrated and quantitated against gasoline

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL.

  
Julius G. Carstens, Lab Director



O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-5
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/25/05
Project: Mustang Moving Co.	Date Analyzed: 6/26/05
Client ID: MW-5	
Matrix: Aqueous	Lab Contact: J. Carstens


Report Of Analytical Results VOLATILE ORGANIC COMPOUNDS				
Constituents	Analysis Results	Reporting Units	Acceptance Criteria	PQL
Benzene	ND	µg/L		0.5
Ethylbenzene	ND	µg/L		0.5
Toluene	ND	µg/L		0.5
Total Xylenes	0.6	µg/L		0.5
TPH Gasoline (C <sub>4</sub> -C <sub>9</sub> )	2600	µg/L		50
Percent Surrogate Recovery (Dibromofluoromethane)				112
Percent Surrogate Recovery (Toluene-d8)				96
Percent Surrogate Recovery (4-Bromofluorobenzene)				88

Test Method: EPA 8260B/LUFT GC/MS

TPH Gasoline (C<sub>4</sub>-C<sub>9</sub>) calibrated and quantitated against gasoline

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL.

  
Julius G. Carstens, Lab Director



O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-6
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/25/05
Project: Mustang Moving Co.	Date Analyzed: 6/26/05
Client ID: MW-6	
Matrix: Aqueous	Lab Contact: J. Carstens


Report Of Analytical Results VOLATILE ORGANIC COMPOUNDS				
Constituents	Analysis Results	Reporting Units	Acceptance Criteria	PQL
Benzene	ND	µg/L		0.5
Ethylbenzene	ND	µg/L		0.5
Toluene	ND	µg/L		0.5
Total Xylenes	1.2	µg/L		0.5
TPH Gasoline (C <sub>4</sub> -C <sub>9</sub> )	ND	µg/L		50
Percent Surrogate Recovery (Dibromofluoromethane)				91
Percent Surrogate Recovery (Toluene-d8)				94
Percent Surrogate Recovery (4-Bromofluorobenzene)				79

Test Method: EPA 8260B/LUFT GC/MS

TPH Gasoline (C<sub>4</sub>-C<sub>9</sub>) calibrated and quantitated against gasoline

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL.

  
Julius G. Carstens, Lab Director



O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-7
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/25/05
Project: Mustang Moving Co.	Date Analyzed: 6/26/05
Client ID: MW-7	
Matrix: Aqueous	Lab Contact: J. Carstens

Report Of Analytical Results VOLATILE ORGANIC COMPOUNDS				
Constituents	Analysis Results	Reporting Units	Acceptance Criteria	PQL
Benzene	ND	µg/L		0.5
Ethylbenzene	ND	µg/L		0.5
Toluene	ND	µg/L		0.5
Total Xylenes	ND	µg/L		0.5
TPH Gasoline (C <sub>4</sub> -C <sub>9</sub> )	ND	µg/L		50
Percent Surrogate Recovery (Dibromofluoromethane)				95
Percent Surrogate Recovery (Toluene-d8)				94
Percent Surrogate Recovery (4-Bromofluorobenzene)				77

Test Method: EPA 8260B/LUFT GC/MS

TPH Gasoline (C<sub>4</sub>-C<sub>9</sub>) calibrated and quantitated against gasoline

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL.

  
Julius G. Carstens, Lab Director



O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-1
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/27/05
Project: Mustang Moving Co.	Date Analyzed: 6/28/05
Client ID: MW-1	
Matrix: Aqueous	Lab Contact: J. Carstens

Report Of Analytical Results					
OEC ID	Client ID	Constituent	Analysis Results	Reporting Units	PQL
05-1173-1	MW-1	TPH C <sub>10</sub> -C <sub>23</sub>	0.92	mg/L	0.05

Test Method: LUFT

Extraction Method: EPA 3510C

TPH C<sub>10</sub>-C<sub>23</sub> : Quantitated and calibrated against diesel

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL

Julius G. Carstens, Lab Director



O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-2
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/27/05
Project: Mustang Moving Co.	Date Analyzed: 6/28/05
Client ID: MW-2	
Matrix: Aqueous	Lab Contact: J. Carstens

Report Of Analytical Results					
OEC ID	Client ID	Constituent	Analysis Results	Reporting Units	PQL
05-1173-2	MW-2	TPH C <sub>10</sub> -C <sub>23</sub>	0.23	mg/L	0.05


Test Method: LUFT

Extraction Method: EPA 3510C

TPH C<sub>10</sub>-C<sub>23</sub> : Quantitated and calibrated against diesel

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL

  
Julius G. Carstens, Lab Director



O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-3
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/27/05
Project: Mustang Moving Co.	Date Analyzed: 6/28/05
Client ID: MW-3	
Matrix: Aqueous	Lab Contact: J. Carstens

Report Of Analytical Results					
OEC ID	Client ID	Constituent	Analysis Results	Reporting Units	PQL
05-1173-3	MW-3	TPH C <sub>10</sub> -C <sub>23</sub>	0.23	mg/L	0.05


Test Method: LUFT

Extraction Method: EPA 3510C

TPH C<sub>10</sub>-C<sub>23</sub> : Quantitated and calibrated against diesel

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL

  
Julius G. Carstens, Lab Director



O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-4
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/27/05
Project: Mustang Moving Co.	Date Analyzed: 6/28/05
Client ID: MW-4	
Matrix: Aqueous	Lab Contact: J. Carstens

Report Of Analytical Results					
OEC ID	Client ID	Constituent	Analysis Results	Reporting Units	PQL
05-1173-4	MW-4	TPH C <sub>10</sub> -C <sub>23</sub>	ND	mg/L	0.05

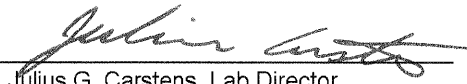
Test Method: LUFT

Extraction Method: EPA 3510C

TPH C<sub>10</sub>-C<sub>23</sub> : Quantitated and calibrated against diesel

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL

  
Julius G. Carstens, Lab Director





O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-5
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/27/05
Project: Mustang Moving Co.	Date Analyzed: 6/28/05
Client ID: MW-5	
Matrix: Aqueous	Lab Contact: J. Carstens

Report Of Analytical Results					
OEC ID	Client ID	Constituent	Analysis Results	Reporting Units	PQL
05-1173-5	MW-5	TPH C <sub>10</sub> -C <sub>23</sub>	3.6	mg/L	0.05


Test Method: LUFT

Extraction Method: EPA 3510C

TPH C<sub>10</sub>-C<sub>23</sub> : Quantitated and calibrated against diesel

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL

  
Julius G. Carstens, Lab Director



O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-6
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/27/05
Project: Mustang Moving Co.	Date Analyzed: 6/28/05
Client ID: MW-6	
Matrix: Aqueous	Lab Contact: J. Carstens

Report Of Analytical Results					
OEC ID	Client ID	Constituent	Analysis Results	Reporting Units	PQL
05-1173-6	MW-6	TPH C <sub>10</sub> -C <sub>23</sub>	ND	mg/L	0.05


Test Method: LUFT

Extraction Method: EPA 3510C

TPH C<sub>10</sub>-C<sub>23</sub> : Quantitated and calibrated against diesel

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL

  
Julius G. Carstens, Lab Director



O I L F I E L D   E N V I R O N M E N T A L   A N D   C O M P L I A N C E ,   I N C .

Client: Secor	SAMPLE ID: 05-1173-7
3437 Empresa Drive, Suite A	Date Received: 6/23/05
San Luis Obispo, CA 93401	Date Sampled: 6/22/05
Attn: Chris Prevost	Date Extracted: 6/27/05
Project: Mustang Moving Co.	Date Analyzed: 6/30/05
Client ID: MW-7	
Matrix: Aqueous	Lab Contact: J. Carstens

Report Of Analytical Results					
OEC ID	Client ID	Constituent	Analysis Results	Reporting Units	PQL
05-1173-7	MW-7	TPH C <sub>10</sub> -C <sub>23</sub>	ND	mg/L	0.05

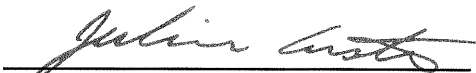
Test Method: LUFT

Extraction Method: EPA 3510C

TPH C<sub>10</sub>-C<sub>23</sub> : Quantitated and calibrated against diesel

PQL = Practical Quantitation Limit

Results listed as ND would have been reported if present at or above the listed PQL

  
Julius G. Carstens, Lab Director